

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SEP 24 2007
OIP
PATENT
MARK OFFICE

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	09/767,279
Filing Date	January 22, 2009
First Named Inventor	Hawley K. Fong
Group Art Unit	2122
Examiner Name	Unassigned
Attorney Docket Number	80398P342

REC'D
SEP 26 2001
Group 2100

U.S. PATENT DOCUMENTS


[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
gm.n	Anderson, J.R., "Arguments Concerning Representations for Mental Imagery", Psych. Rev. Vol. 85, No. 4, July 1978, pgs. 249-277.	Yes
gm	Arnold, V.I., "Geometrical Methods in the Theory of Ordinary Differential Equations", Table of Contents, New York: Springer-Verlag, 1983, pgs. 5.	Yes
	Barth, E., et al., "Image Encoding, Labeling, and Reconstruction from Differential Geometry", CVGIP, June 1992, pgs. 428-445.	Yes
	Beutelspacher, A., et al., "Projective Geometry From Foundations to Applications", New York, Table of Contents, Cambridge University Press, 1998, pgs. 3.	Yes
gm.n	Blum, L., et al., "Complexity and Real Computation", Table of Contents, New York, Springer-Verlag, 1997, pgs. 12.	Yes

Examiner Signature	
-----------------------	---

Date Considered	7/30/03
-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

A circular ink stamp from the Patent and Trademark Office. The text "PATENT AND TRADEMARK OFFICE" is arranged in a circle around the date "SEP 24 2001". The stamp is partially overlapping the "PUBLISHED" text.

(use as many sheets as necessary)

Application Number	09/767,279
---------------------------	------------

Filing Date	January 22, 2001
--------------------	------------------

First Named Inventor	Hawley K. Rising, III
----------------------	-----------------------

Group Art Unit	2122
----------------	------

Examiner Name	Unassigned
---------------	------------

Attorney Docket Number	80398P342
------------------------	-----------

Sheet	2	of	6
-------	---	----	---

REC'D
SEP 26 2004
Group 2100

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS			
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Include name of the translator? (Yes/No)	Include name of the reviewer? (Yes/No)
gk/h	Bolker, E.D. "The Finite Radon Transform", Integral Geometry, R.L. Bryant, et al., AMS Contemporary Mathematics, Vol. 63, 1984, pgs. 27-50.	No	No
	Buekenhout, F., "Handbook of Incidence Geometry", Table of Contents, New York, North Holland, Elsevier, 1995, pgs. 24.	No	No
	Carroll, S.M., et al., "Construction of Neural Nets Using the Radon Transform", ICNN, Vol. 1, 1989, pgs. 607-611.	No	No
	Diaconis, P., "Projection Pursuit for Discrete Data", Technical Report No. 198, Department of Statistics, Stanford University, April 1983, pgs. 1-28.	No	No
gk/h	Edelman, S., "Representation, Similarity and the Chorus of Prototypes", Minds and Machines, February 1995, pgs. 45-68.	No	No

Examiner Signature *[Signature]*

Date	
Considered	

7 (300)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box.

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/767,279
				Filing Date	January 22, 2001
				First Named Inventor	Hawley K. Rising, III
				Group Art Unit	2122
				Examiner Name	Unassigned
Sheet	3	of	6	Attorney Docket Number	80398P342

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS				
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).			Translation? Yes/No
gm.v.	Helgason, S., "Groups and Geometric Analysis", Table of Contents, New York, Academic Press, 1984, pgs. 8.			No
	Ito, Y., "Representations of Functions by Superpositions of a Step or Signoid Function and Their Applications to Neural Network Theory", Neural Networks, Vol. 4, No. 3, 1991, pgs. 385-394.			No
	Kawakami, S., et al., "A Cell Model for the Detection of Local Image Motion on the Magnocellular Pathway of the Visual Cortex", Vision Research, Vol. 36, No. 1, 117-147, 1996.			No
	Kung, J.P.S., "Reconstructing Finite Radon Transforms", Nuclear Physics B (Proc. Supl.), Vol. 5A, September 1988, pgs. 44-49.			No
ma	Kosslyn, S.M., "Image and Brain" Cambridge, Massachusetts, MIT Press, 1994, pgs. 34.			No

Examiner Signature	<i>Michael</i>	Date Considered	7/30/01
--------------------	----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


Please type a plus sign (+) inside this box.



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	09/767,279
		Filing Date	January 22, 2001	RECEIVED SEP 26 2001 GROUP 2100	
		First Named Inventor	Hawley K. Rising, III		
		Group Art Unit	2122		
		Examiner Name	Unassigned		
Sheet	4	of	6	Attorney Docket Number	80398P342

U.S. PATENT DOCUMENTS					
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date-if Appropriate
		Number			

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document.	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No Country
		Office or Country	Number	Date			

OTHER DOCUMENTS					
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).				Translation? Yes/No
ghh	Kurusa, A., "The Radon transform on half sphere" Acta Sci. Math. (Szeged), Vol. 53, Nos. 1-4, 1993, pgs. 143-158.				NO
ghh	Matus, F., et al., "Image Representations via a Finite Radon Transform" IEEE Trans. PAMI, Vol. 15, No. 10, October 1993, pgs. 996-1006.				NO
ghh	Meyer, Y., "Wavelets Algorithms and Applications", Philadelphia, SIAM Press, 1993, Table of Contents, pgs. 10.				NO
ghh	Okamoto, H., "MT neurons in the macaque exhibited two types of bimodal direction tuning as predicted by a model for visual motion detection" Vision Research 39, 1999, pgs. 3465-3479.				NO
ghh	Poggio, T., et al., "On the Representation of Multi-Input Systems: Computational Properties of Polynomial Algorithms" Biological Cybernetics, Vol. 37, No. 3, July 1980, pgs. 167-186.				NO

Examiner Signature	<i>Michael</i>	Date Considered	7/30/03
--------------------	----------------	-----------------	---------

*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/767,279
				Filing Date	January 22, 2001
				First Named Inventor	Hawley K. Rising, III
				Group Art Unit	2122
				Examiner Name	Unassigned
Sheet	5	of	6	Attorney Docket Number	80398P342

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
AMH	Ramm, A.G., et al., "The Radon Transform and Local Tomography", Table of Contents, New York, CRC Press, 1998, pgs. 10	NO
	Rising, H.K., "Creating a Biologically Plausible Model of Recognition which Generalizes Multidimensional Scaling" SPIE, Vol. 3644	
	Human Vision and Electronic Imaging IV, Rogowitz, B. E., et al., January 1999, pgs. 411-420.	
	Rising, H.K., "Deriving and combining biologically plausible visual Processes with the Windowed Radon Transform" SPIE Proc. Vol. 3299, Human Vision and Electronic Imaging III, Rogowitz, B. E., et al., January 1998, pgs. 519-525.	
	Rising, H.K., "Assessing the Similarity of Mechanisms in Motion and Color Processing for Synchronization of Visual Pathways", SPIE, Vol. 3016, Human Vision and Imaging II, Rogowitz, B.E., et al., February 1997, pgs. 302-312.	
AMH	Rolls, E.T., et al. "Neural Networks and Brain Function", New York: Oxford University Press, Preface and Table of Contents, 1998, pgs. 5.	NO

Examiner Signature	Date Considered
<i>[Signature]</i>	7/30/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

(use as many sheets as necessary)

Application Number 09/767,279

Filing Date	January 22, 2001
--------------------	------------------

First Named Inventor	Hawley K. Rising, III
-----------------------------	-----------------------

Group Art Unit	2122
----------------	------

Examiner Name	Unassigned
---------------	------------

Attorney Docket Number	80398P342
------------------------	-----------

Sheet	6	of	6
-------	---	----	---

RECEIVED
SEP 26 2001
Group 2100

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
AKH	Shepard, D., "Optimizing the Delivery of Radiation Therapy to Cancer Patients", SIAM Review, Vol. 41, No. 4, 1999, pgs. 721-744.	NO
I	Siegelmann, H.T., et al., "On the Computational Power of Neural Nets", Proceedings of the 5th ACM Workshop on Computational Learning Theory, July 1992, pgs. 440-49.	I
I	Vvedenskaya, N.D., et al., "Discrete Radon Transform and Image Reconstruction" Mathematical Problems in Tomography., Gelfand, I.M., et al., AMS, Vol. 81, 1990, pgs. 141-188.	I
I	Wallis, W.D., "Combinatorial Designs", Table of Contents, New York, Marcel Dekker, 1988, pgs. 10.	I
gmk	Zeki, S., "A Vision of the Brain", Table of Contents, Boston, Blackwell Scientific Publications, 1994, pgs. 5.	NO

Under head

7/30/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box.

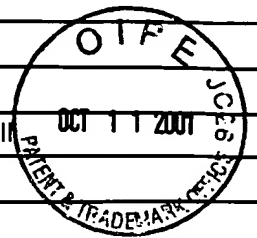
PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	09/767,279	
			Filing Date	January 22, 2001	
			First Named Inventor	Hawley K. Rising, III	
			Group Art Unit	2122	
			Examiner Name	Unassigned	
Sheet	1	of	2	Attorney Docket Number	80398P342



U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate

RECEIVED
 OCT 16 2001
 Technology Center 2100

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
h h	International Search Report, PCT/US01/02430, pgs. 4.	NO
	RISING, "Inversion Processes in the Human Visual System", Proceedings of SPIE, Vol. 3959 (2000), Sony MediaSoft Lab, U.S. Research Labs, San Jose, CA, pp. 400-408.	
	ALBANESI, "Thresholding Wavelets for Image Compression", 1998, IEEE, University of Pavia, Dipartimento di Informatica e Sistemistica, pgs. 374-389.	
	AHMED, et al., "Application of Multi-Layer Neural Networks to Image Compression", 1997 IEEE, International Symposium on Circuits and Systems, June 9-12, 1997, Hong Kong, pgs. 1273-1276.	
g n	MEIR, et al., "Stochastic Approximation by Neural Networks Using the Radon and Wavelet Transforms", 1998 IEEE, Department of Electrical Engineering, Israel, pgs. 224-232.	NO

Examiner Signature	<i>Michael Keel</i>	Date Considered	7/30/03
-----------------------	---------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	09/767,279
				Filing Date	January 22, 2001
				First Named Inventor	Hawley K. Rising, III
				Group Art Unit	2122
				Examiner Name	Unassigned
				Attorney Docket Number	80398P342
Sheet	2	of	2		

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS			
Examiner Initials *		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
AMH		CARROLL, et al., "Construction of Neural Nets Using the Radon Transform", Department of Electrical Engineering, Princeton University, UConn International Joint Conference On Neural Networks, June 19-22, 1989, pgs. 6.	NO
T		KHUWAJA, et al., "Fingerprint Image Compression", Physics Department, Kuwait University, IEEE, pp. 517-526.	1 NO
AMH		FANGHANEL, et al., "Optimizing Wavelet Transform Coding Using a Neural Network", 1997 IEEE, Universitat der Bundeswehr Hamburg, pgs.1341-1343.	1 NO

Examiner Signature	<i>M. L. L.</i>	Date Considered	7/30/03
-----------------------	-----------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for Form 1449A/PTO (Modified) <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/767,279
				Filing Date	1-22-01
				First Named Inventor:	Hawley K. Rising, III
				Group Art Unit	2122
				Examiner Name	Unassigned
				Attorney Docket Number	80398.P342
Sheet	1	of	2		

O I P E
 APR 16 2002
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
M.H.		5,311,600		Aghajan, et al. 382/156	5/1994	

RECEIVED
 APR 18 2002
 Technology Center 2100

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
M.H.		PCT	US01 02426		Sony Electronics, Inc. ~/-	11-03-2002		no

Examiner Signature: <i>Mike Kelp</i>	Date Considered: <i>7/30/03</i>
--------------------------------------	---------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Application Number	09/767,279
--------------------	------------

Filing Date	1/22/01
-------------	---------

First Named Inventor:	Rising, III.
-----------------------	--------------

Group Art Unit	2121
----------------	------

Examiner Name	Bell, M.
---------------	----------

Attorney Docket Number	80398.P342
------------------------	------------

of

4

[illegible][illegible]

Date Considered

12/22/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Complete if Known Application Number: 09/767,279 Filing Date: 1/22/01 First Named Inventor: Rising, III. Group Art Unit: 2121 Examiner Name: Bell, M. Attorney Docket Number: 80398.P342	
Sheet 2 of 4		RECEIVED NOV 28 2003 Technology Center 2100	
OTHER ART - NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Sahiner, et al., "Interactive Inversion of the Radon Transform : Using Image-Adaptive Wavelet Constraints to Improve Image Reconstruction", IEEE Engineering in Medicine and Biology, Sept. 1996, Vol. 15, Issue 5, pp.112-117.	
		Calzone, et al., "Video Compression by Means-Corrected Motion Compensation of Partial Quadrees ", IEEE Transactions on Circuits and System for Video Technology, Vol.7, No.1, Feb. 1997, pp.86-96.	
		Hsung, et al., "The Wavelet Transform of Higher Dimension and the Radon Transform ", 1995 International Conference on Acoustics, Speech and Signal Processing, May 1995, Vol.2, pp.1113-1116.	
		Warrick, et al., "A Wavelet Localized Radon Transform Based Detector for a Signal with Unknown Parameters", 1995 Conference Record of the 29 th Asilomar Conference on Signals, Systems and Computers, Oct. 1995, Vol.2, pp.860-886.	
		Rashid-Farrokhi, et al., "Localized Wavelet Based Computerized Tomography", Proceedings of the Intl. Conference on Image Processing, Oct. 1995, Vol.2, pp.445-448.	
		Meir, et al., "Stochastic Approximation by Neural Networks Using the Radon and Wavelet Transforms", Proceedings of the 1998 IEEE Signal Processing Society Workshop, Aug. 1998, pp.224-233.	
		Rashid-Farrokhi, et al., "Wavelet-Based Multiresolution Local Tomography", IEEE Transactions on Image Processing, Vol.6, No.10, Oct.1997, pp. 1412-1430.	
		Destefano, et al., "Wavelet Localization of the Radon Transform in Even Dimensions", Proceedings of the IEEE-SP International Symposium on Time-Frequency and Time-Scale Analysis, Oct.1992, pp.137-140.	
		Olson, et al., "Wavelet Localization of the Radon Transform Using Image-Adaptive Wavelet Constraints", IEEE Transactions of Signal Processing, Vol.42, No.8, Aug.1994, pp.2055-2067.	
		Sahiner, et al., "Interactive Inversion of the Radon Transform Using Image-Adaptive Wavelet Constraints", Proceedings of the 1998 International Conference on Image Processing, Oct.1998, Vol.2, pp.709-713.	
	Takizawa, et al., "Ultrasonic Tomography Using Arc Focusing Beam", 1998 IEEE Ultrasonics Symposium, Oct. 1998, Vol.2, pp.1659-1662.		
		Sahiner, et al., "On the Use of Wavelets in Inverting the Radon Transform", Conference Record of the 1992 IEEE Nuclear Science Symposium and Medical Imaging Conference, Oct. 1992, Vol.2, pp.1129-1131.	

Examiner Signature		Date Considered	12/11/03
--------------------	--	-----------------	----------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/767,279
		Filing Date	1/22/01
		First Named Inventor:	Rising, III.
		Group Art Unit	2121
		Examiner Name	Bell, M.
		Attorney Docket Number	80398.P342

NOV 21 2003
 PATENT & TRADEMARK OFFICE

RECEIVED

Sheet 3 of 4

NOV 28 2003
 Technology Center 2100

OTHER ART - NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
M.H.		Rodenas, et al., "A New Automatic Internal Wave Detection and Characterization Method for SAR Images", OCEANS '98 Conference Proceedings, Sept. 1998, Vol.2, pp.613-618.	
		Sahiner, et al., "Interactive Inversion of the Radon Transform Using Image-Adaptive Wavelet Constraints", 18 th Annual Intl. Conference of the IEEE Engineering in Medicine and Biology Society, Oct. 1996, Vol.2, pp. 722-723.	
		Lu, et al., "Directional Noise Removal from Aerial Imagery Using Wavelet X-Ray Transform", 1998 IEEE International Geoscience and Remote Sensing Symposium Proceedings, Vol.4, July 1998, pp.2038-2040.	
M.H.		Magli, et al., "A Pattern Detection and Compression Algorithm Based on the Joint Wavelet and Radon Transform", 13 th Intl. Conference on Digital Signal Processing, July 1997, Vol.2, pp.559-562.	

Examiner Signature	Date Considered	
	12/11/03	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.